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<u>L92</u>	L90 and (pen with strokes or pen near strokes or pen adj strokes)	432	<u>L92</u>
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<u>L86</u>	(point and multicast)	15162	<u>L86</u>
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<u>L52</u>	'5548092'.pn.	1	<u>L52</u>
<u>L51</u>	'5842185'.pn.	1	<u>L51</u>
<u>L50</u>	'5842185'.pn.	1	<u>L50</u>
<u>L49</u>	'6119108'.pn.	1	<u>L49</u>
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<u>L47</u>	L45 not @py>1999	0	<u>L47</u>
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<u>L20</u>	'5991441'.pn.	1	<u>L20</u>
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<u>L18</u>	'5214426'.pn.	1	<u>L18</u>
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<u>L5</u>	("5852434")[PN]	1	<u>L5</u>
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<u>L4</u>	5852434.pn.	2	<u>L4</u>
<u>L3</u>	5652412.pn.	2	<u>L3</u>
<u>L2</u>	6076734.pn.	2	<u>L2</u>

L1 6421693.pn.

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File: USPT

Dec 13, 2005

US-PAT-NO: 6975299

DOCUMENT-IDENTIFIER: US 6975299 B2

TITLE: Computer system control with user data via interface surface with coded marks

DATE-ISSUED: December 13, 2005

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Lapstun; Paul	Balmain			AU
Silverbrook; Kia	Balmain			AU

ASSIGNEE-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY	TYPE CODE
Silverbrook Research PTY LTD	Balmain			AU	03

APPL-NO: 10/291548 [\[PALM\]](#)

DATE FILED: November 12, 2002

PARENT-CASE:

CO-PENDING APPLICATIONS Various methods, systems and apparatus relating to the present invention are disclosed in the following applications/granted patents filed by the applicant or assignee of the present invention: Ser. No. 09/575,197, 09/575,195, 09/575,159, 09/575,132, 09/575,123, 09/575,130, 09/375,165, 09/575,118, 09/575,131, 09/575,116, 09/575,144, 09/575,139, 09/575,186, U.S. Pat. Nos. 6,681,045, 6,825,945, 6,816,274, 6,728,000, Ser. Nos. 09/609,303, 09/575,145, 09/575,192, 09/610,095, 09/609,596, 09/575,181, 09/575,193, 09/575,156, 09/575,183, 09/575,160, 09/575,150, 09/575,169, U.S. Pat. Nos. 6,644,642, 6,502,614, 6,622,999, 6,669,385, 6,727,996, 6,622,999, 6,549,935, Ser. Nos. 09/575,187, U.S. Pat. Nos. 6,591,884, 6,439,706, Ser. Nos. 09/575,196, 09/575,198, U.S. Pat. No. 6,290,349, Ser. No. 09/608,920, U.S. Pat. No. 6,428,155, Ser. Nos. 09/575,146, 09/575,174, 09/575,163, U.S. Pat. No. 6,737,591, Ser. Nos. 09/575,154, 09/575,129, 09/575,124, 09/575,188, 09/575,189, 09/575,162, 09/575,172, 09/575,170, 09/575,171, 09/575,161, U.S. Pat. Nos. 6,428,133, 6,315,669, 6,315,399, 6,338,548, 6,540,319, 6,328,431, 6,795,215, 6,328,425, Ser. No. 09/575,127, U.S. Pat. Nos. 6,383,833, 6,464,332, 6,390,591, Ser. No. 09/575,152, U.S. Pat. Nos. 6,328,417, 6,409,323, 6,281,912, 6,604,810, 6,318,920, 6,488,422, Ser. Nos. 09/575,109. The disclosures of these co-pending applications are incorporated herein by cross-reference.

FOREIGN-APPL-PRIORITY-DATA:

COUNTRY	APPL-NO	APPL-DATE
AU	PQ0559	May 25, 1999
AU	PQ1313	June 30, 1999

INT-CL-ISSUED: [07] G09G 5/00

US-CL-ISSUED: 345/156; 345/166, 345/173, 345/179, 345/180, 345/181, 345/780, 345/862, 178/18.01, 178/18.03, 178/19.05, 382/312, 382/314, 717/101, 717/106, 707/101

US-CL-CURRENT: 345/156; 178/18.01, 178/18.03, 178/19.05, 345/166, 345/173, 345/179, 345/180, 345/181, 382/312, 382/314, 707/101, 715/780, 715/862, 717/101, 717/106

FIELD-OF-CLASSIFICATION-SEARCH: 345/173, 345/166, 345/177, 345/768, 345/780, 345/862, 345/156, 345/179, 345/180, 345/181, 345/182, 345/183, 178/18.01, 178/18.03, 178/19.05, 382/312, 382/314, 717/101, 717/106

See application file for complete search history.

PRIOR-ART-DISCLOSED:

U.S. PATENT DOCUMENTS

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<input type="checkbox"/>	<u>5051736</u>	September 1991	Bennett et al.	
<input type="checkbox"/>	<u>5341438</u>	August 1994	Clifford	382/179
<input type="checkbox"/>	<u>5477012</u>	December 1995	Sekendur	
<input type="checkbox"/>	<u>5491495</u>	February 1996	Ward et al.	
<input type="checkbox"/>	<u>5612720</u>	March 1997	Ito et al.	345/179
<input type="checkbox"/>	<u>5629073</u>	May 1997	Cass	
<input type="checkbox"/>	<u>5652412</u>	July 1997	Lazzouni et al.	
<input type="checkbox"/>	<u>5661506</u>	August 1997	Lazzouni et al.	
<input type="checkbox"/>	<u>5704029</u>	December 1997	Wright, Jr.	715/505
<input type="checkbox"/>	<u>5832100</u>	November 1998	Lawton et al.	
<input type="checkbox"/>	<u>5852434</u>	December 1998	Sekendur	
<input type="checkbox"/>	<u>5929423</u>	July 1999	Boersma et al.	235/462.16
<input type="checkbox"/>	<u>5991441</u>	November 1999	Jourjine	382/187
<input type="checkbox"/>	<u>6076734</u>	June 2000	Dougherty et al.	
<input type="checkbox"/>	<u>6152370</u>	November 2000	Ackley	235/462.01
<input type="checkbox"/>	<u>6289125</u>	September 2001	Katoh et al.	382/194
<input type="checkbox"/>	<u>6292181</u>	September 2001	Banerjee et al.	
<input type="checkbox"/>	<u>6335727</u>	January 2002	Morishita et al.	
<input type="checkbox"/>	<u>6600706</u>	July 2003	Gotoh et al.	369/47.15
<input type="checkbox"/>	<u>6724374</u>	April 2004	Lapstun et al.	345/179

FOREIGN PATENT DOCUMENTS

FOREIGN-PAT-NO	PUBN-DATE	COUNTRY	CLASS
2 306 669	May 1997	GB	

10 194 562	July 1998	JP
WO 99/18487	April 1999	WO
WO 99/50787	October 1999	WO

OTHER PUBLICATIONS

Dymetman, M., and Copperman, M., Intelligent Paper; in Electronic Publishing, Artistic Imaging, and Digital Typography, Proceedings of EP '98, Mar./Apr. 1998, Springer Verlag LNCS 1375, pp. 392-406.

ART-UNIT: 2674

PRIMARY-EXAMINER: Wu; Xiao

ASSISTANT-EXAMINER: Abdulsalam; Abbas

ABSTRACT:

A method and system for enabling user interaction with computer software running in a computer system. The user is provided with an interface surface containing information relating to the computer software and including coded data indicative of at least one interactive element relating to the computer software. A sensing device in the form of an optically sensing stylus contains identifying data indicative of an identity of the user. When the user writes with the stylus, or uses it as a pointer, an operative end of the stylus is brought into contact with the interface surface. The sensing device senses indicating data indicative of the at least one interactive element using at least some of the coded data. The computer system receives the identifying data and the indicating data from the sensing device. The interactive element is identified in the computer system using the indicating data, and user data is identified using the identifying data. The computer software is operated at least partly in reliance on the user data, and in accordance with instructions associated with the at least one interactive element.

56 Claims, 49 Drawing figures

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